State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-196
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Sections 43100, 43102, 43103, and 43835; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That Ford Motor Company exhaust emission control systems are certified as described below for 1981 model-year gasoline-powered passenger cars.

Engine Family	Displacement Cubic Inches (Liters)	Exhaust Emission Control Systems (Special Features)
2.3 AX	140 (2.3)	Air Injection - Pump Exhaust Gas Recirculation Three Way Catalyst with Closed Loop

Vehicle Models, Transmissions, Engine Codes and Evaporative Emission Control Families as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1981 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
2.3 AX	0.36	3.0	0.6

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles except Motorcycles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That Ford Motor Company has provided to the Executive Officer all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 5th day of August, 1980.

K. D. Drachand by RW

K. D. Drachand, Chief
Mobile Source Control Division

1981 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

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Engine Family: 2.3 AX Evaporative Family: BM

ABBREVIATIONS Engine CID (Liters): 140 (2.3)

Ignition System
CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

Exhaust Emissions Control System
AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
TR-Thermal Reactor
TWC-Three Way Catalyst System

Special Features
CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DI-Diesel Injection
EFI-Electronic Fuel Injection
MFI-Mechanical Fuel Injection
TC-Turbocharged

Fuel System
CFI, DI, EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Vehicle Models	Body Type	Body Code
Mustang	2 Dr. Sedan	66B
Mustang Ghia	2 Dr. Sedan	66H
Mustang, Mustang Cobra	3 Dr. Hatchback	61R
Mustang Ghia	3 Dr. Hatchback	61H
Capri, Capri RS	3 Dr. Hatchback	61D
Capri GS	3 Dr. Hatchback	61H
Fairmont	2 Dr. Sedan	66B
Fairmont Futura	2 Dr. Sedan	36R
Fairmont, Fairmont Futura	4 Dr. Sedan	54B
Fairmont, Fairmont Futura	Station Wagon	74B
Zephyr, Zephyr GS	2 Dr. Sedan	66D
Zephyr	2 Dr. Sedan	36R
Zephyr, Zephyr GS	4 Dr. Sedan	54D
Zephyr, Zephyr Villager	Station Wagon	74D
Granada L, Granada GL, Granada GLX	2 Dr. Sedan	66D
Granada L, Granada GL, Granada GLX	4 Dr. Sedan	54D
Cougar, Cougar GS	2 Dr. Sedan	66D
Cougar, Cougar GS	4 Dr. Sedan	54D

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X Passenger Cars ___ Light-Duty Trucks ___ Medium-Duty Vehicles X Gas ___ Diesel

Manufacturer Ford Motor Company Page 2

Engine Family 2.3 AX Engine Code -

ECS (Special Features) AIP, EGR, TWC w/CL CID (Liters)-Type 140 (2.3) - I4

Engine Code	Vehicle Models (If Coded see attachment)		Trans. (ax. rat.)	Equiv. Test Weight	Ign. System CA,VA,EI Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1-06N-R00A/N	Mustang	61R 66H	A-3 (3.08)	3000	E0EE-12127-BA	E1ZE-9510-EA (w/AC) E1ZE-9510-EA or DA (w/o AC)	E1ZE-9D448-DA	DDG
		66B		3000, 2875***				
		61H		3125, 3000				
1-06N-R00A (w/AC)	Capri*	61D		3125**				
		61H		3125				
1-06N-R00N (w/o AC)				3125, 3000				
		61D		3000				
1-06V-R00A/N -R12A/N++ -R11A/N+++	Mustang	61R 66H	A-3 (3.45)				E1ZE-9D448-EA	DDG DVS++ DWR+++
		66B	(3.08)+	3000, 2875***				
		61H		3125, 3000				
1-06V-R00A (w/AC) -R12A++ -R11A+++	Capri*	61D		3125** 3000***				DDG DVS++ DWR+++
		61H		3125				
1-06V-R00N (w/o AC) -R12N++ -R11N+++				3125, 3000				DDG DVS++ DWR+++
		61D		3000				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If more than one test weight is listed, use the lower value for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 8-4-80
**9-17-80 RC# 2.3-13(rev ETW)
+10-23-80 " -17(add ax.rat. & alt trans)
***11-14-80 " -29(rev ETW)
++11-21-80 " -36(rev curb idle spd)
+++11-25-80 " -28(add distr VDV)

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X Passenger Cars ___ Light-Duty Trucks ___ Medium-Duty Vehicles X Gas ___ Diesel

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Engine Family 2.3 AX Engine Code -

ECS (Special Features) AIP,EGR,TWC w/CL CID (Liters)-Type 140 (2.3)I4

Engine Code	Vehicle Models (If Coded see attachment)		Trans.	Equiv. Test Weight	Ign. System CA,VA,EI Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1-05Q-R00A/N	Mustang	61R 66H	M-4	3000	E0EE-12127-DA	E1ZE-9510-SA (w/AC)	E1ZE-9D448-FA	DEC
		66B		3000, 2875+		E1ZE-9510-SA or RA (w/o A/C)		
		61H		3125, 3000				
1-05Q-R00A (w/AC)	Capri *	61H		3125				
		61D**		3125, 3000+				
1-05Q-R00N (w/o AC)				3000				
1-05R-R11N (w/o AC)			M-5*** M-4++				E1ZE-9D448-DA	DSR
1-05R-R11A (w/AC)				3125				
1-05R-R11 A/N	Mustang	61H						
		61R 66H		3000				
		66B		3000, 2875+				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If more than one test weight is listed, use the lower value for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -8-4-80
**9-17-80 RC# 2.3-13(rev ETW)
***10-6-80 " " -24(add M-5 trans)
+11-14-80 " " -29(rev ETW)
++2-6-81 " " -36(add M-4 trans)

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Engine Family 2.3 AX Engine Code -

ECS (Special Features) AIP,EGR,TWC w/CL CID (Liters)-Type 140 (2.3)-I4

Engine Code	Vehicle Models (If Coded see attachment)		Trans.	Equiv. Test Weight	Ign. System CA,VA,EI Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1-06N-R00A/N	Fairmont Zephyr	36R 54B	A-3	3125	E0EE-12127 BA	E1DE-9510-EA (w/AC) E1DE-9510-EA or DA (w/o AC)	E1ZE-9D448-DA	DDG
		66B		3125, 3000				
1-06V-R00A/N -R12A/N** -R11A/N***		36R 54R		3125			E1ZE-9D448-EA	DDG DVS** DWR***
1-05Q-R00A/N		36R 54B	M-4	3125, 3000	E0EE-12127-DA	E1ZE-9510-SA (w/AC) E1ZE-9510-SA or RA (w/o AC)	E1ZE-9D448-FA	DEC
		66B		3000				
1-05R-R11A/N+		74B		3125			E1ZE-9D448-DA	DSR
		36R 54B		3125, 3000				

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If more than one test weight is listed, use the lower value for testing.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue - 8-4-80
**11-21-80 RC# 2.3-36(rev curb idle spd)
***11-25-80 " " -28(add distr VDV)
+ 2-6-81 " " -36(add M-5 code)

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Engine Family 2.3 AX Engine Code -

ECS (Special Features) AIP,EGR,TWC w/CL CID (Liters)-Type 140 (2.3)-I4

Engine Code	Vehicle Models (If Coded see attachment)	Trans.	Equiv. Test Weight	Ign. System CA,VA,EI Distributor Part No.	Fuel System 2V Part No.	EGR Valve Part No.	Label Ident. Part No.
1-06N-R00A/N	Cougar 54D** 66D Granada 54D** 66D	A-3 (3.08)	3125	E0EE-12127-BA	E1DE-9510-EA (w/AC) E1DE-9510-EA or DA (w/o AC)	E1ZE-9D448-DA	DDG
1-06V-R00A/N =R12A/N++ =R11A/N+++	Cougar 54D** 66D Granada 54D** 66D	A-3 (3.45) (3.08)+				E1ZE-9D448-EA	DDG DVS++ DWR+++
1-05Q-R00A/N	Cougar 54D 66D Granada 54D 66D	M-4		E0EE-12127-DA	E1ZE-9510-SA (w/AC) E1ZE-9510-SA or RA (w/o AC)	E1ZE-9D448-FA	DEC
1-05R-R11A/N¢						E1ZE-9D448-DA	DSR

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment.

*Add 10% to dyno test HP for air conditioning usage.

Date of Issue -8-4-80
**9-15-80 RC# 2.3-9(add 54D)
+10-23-80 " -17(add ax rat & alt trans)
++11-21-80 " -36(rev curb idle spd)
+++11-25-80 " -28(add distr VDV)
¢ 2-6-81 " -36(add M-5 code)

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